

ABSTRACT

Pedestrian Service Analysis of Mode Shift (Case Study of Pondok Ranji Station)

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Urban transportation has complex problems and requires solutions to solve them. One of the main problems in urban transportation is the high pedestrian accident rate in Indonesia. The main problem that occurs in pedestrian facilities in Indonesia is that much of the pedestrian land is utilized for commercial activities that cause pedestrian discomfort. This study aims to analyze pedestrian facility services with a technical approach referring to aspects that need to be evaluated including performance, level of service according to the Minister of Public Works Regulation No. 03/PRT/M/2014 and evaluate the performance of pedestrian facilities with a passenger preference approach using the Importance Performance Analysis method based on the Minister of Transportation Regulation No. 10 of 2012 concerning Minimum Service Standards for Road-Based Mass Transportation. Based on the research that has been done, it is found that the Level of Service (Los) value on the pedestrian sidewalk at Pondok Ranji station changes along with the number of pedestrian sidewalk users. As well as, facilities for pedestrians who use sidewalks at pondok ranji station, cannot be said to have been fully maximized. Thus, the need for regular monitoring and evaluation of the services provided to pedestrians. The need to provide a guardrail between pedestrians and the entrance lane of motorists to minimize the disturbance that occurs.

Keywords: *Level of Service, Pondok Ranji Station, Importance Performance Analysis Method*

Literature : 21

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